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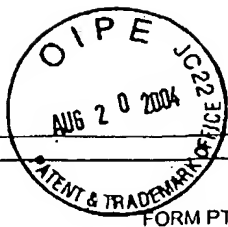
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INFORMATION DISCLOSURE STATEMENT

FORM PTO-1449

ATTY. DOCKET NO.
1823.0820004

APPLICATION NO.
10/725,543

INVENTORS

McClurg *et al.*

FILING DATE
December 3, 2003

ART UNIT
2621

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
A-T	AA1	2,184,858	12/1939	Goodman			
	AB1	3,054,854	09/1962	Neasham			
	AC1	3,282,152	11/1966	Myer			
	AD1	3,333,502	08/1967	Flanagan			
	AE1	3,511,571	05/1970	Ogle			
	AF1	3,648,240	03/1972	Jacoby <i>et al.</i>			
	AG1	3,716,301	02/1973	Caulfield <i>et al.</i>			
	AH1	3,765,018	10/1973	Heard <i>et al.</i>			
	AI1	3,804,524	04/1974	Jocoy <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
A-T	AJ1	WO 96/17480 A2&A3	06/1996	PCT			N/A
A-T	AK1	JP 3-161884	07/1991	JP			No
	AL1						Yes No
	AM1						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AN	1	International Search Report from PCT Appl. No. PCT/US03/38644, filed December 5, 2003, 3 pages.
AO	1	English Abstract for Japanese Patent Publication No. 3-161884, published July 7, 1991, 1 page, from http://v3.espacenet.com/ .
AP	1	
AQ	1	
AR	1	

EXAMINER

Abolfazl Tabatabaei

DATE CONSIDERED

10/12/04

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2621

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>A-T</i>	AA2	3,882,462	05/1975	McMahon			
	AB2	4,032,889	06/1977	Nassimbene			
	AC2	4,128,837	12/1978	Page			
	AD2	4,180,306	12/1979	Duhrkoop <i>et al.</i>			
	AE2	4,206,441	06/1980	Kondo			
	AF2	4,206,556	06/1980	Sabo <i>et al.</i>			
	AG2	4,357,597	11/1982	Butler			
	AH2	4,387,365	06/1983	Berry <i>et al.</i>			
<i>V</i>	AI2	4,414,684	11/1983	Blonder			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ2						Yes No
	AK2						Yes No
	AL2						Yes No
	AM2						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AN	2	
	AO	2	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
A-T	AA3	4,467,545	08/1984	Shaw, Jr.			
	AB3	4,578,793	03/1986	Kanee <i>et al.</i>			
	AC3	4,688,092	08/1987	Kamel <i>et al.</i>			
	AD3	4,701,960	10/1987	Scott			
	AE3	4,720,869	01/1988	Wadia			
	AF3	4,736,203	04/1988	Sidlauskas			
	AG3	4,736,436	04/1988	Yasukawa <i>et al.</i>			
	AH3	4,751,660	06/1988	Hedley			
	AI3	4,751,759	06/1988	Zoell			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ3						Yes No
	AK3						Yes No
	AL3						Yes No
	AM3						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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A-T	AA4	4,774,516	09/1988	Henri <i>et al.</i>			
	AB4	4,790,025	12/1988	Inoue <i>et al.</i>			
	AC4	4,805,117	02/1989	Fiore <i>et al.</i>			
	AD4	4,821,118	04/1989	Lafreniere			
	AE4	5,140,469	08/1992	Lamarre <i>et al.</i>			
	AF4	5,225,924	07/1993	Ogawa <i>et al.</i>			
	AG4	5,249,370	10/1993	Stanger <i>et al.</i>			
	AH4	5,307,264	04/1994	Waggener <i>et al.</i>			
	AI4	5,309,274	05/1994	Akanabe			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ4						Yes No
	AK4						Yes No
	AL4						Yes No
	AM4						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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	AO	4	
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A-T	AA5	5,313,306	05/1994	Kuban <i>et al.</i>			
	AB5	5,367,399	11/1994	Kramer			
	AC5	5,377,002	12/1994	Malin <i>et al.</i>			
	AD5	5,440,428	08/1995	Hegg <i>et al.</i>			
	AE5	5,452,135	09/1995	Maki <i>et al.</i>			
	AF5	5,469,289	11/1995	Iwao <i>et al.</i>			
	AG5	5,526,436	06/1996	Sekiya			
	AH5	5,528,355	06/1996	Maase <i>et al.</i>			
V	AI5	5,588,097	12/1996	Ono <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ5						Yes No
	AK5						Yes No
	AL5						Yes No
	AM5						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
A-T	AA6	5,610,751	03/1997	Sweeney <i>et al.</i>			
	AB6	5,638,461	06/1997	Fridge			
	AC6	5,650,842	07/1997	Maase <i>et al.</i>			
	AD6	5,677,782	10/1997	Peng			
	AE6	5,699,186	12/1997	Richard			
	AF6	5,777,751	07/1998	Ward			
	AG6	5,796,426	08/1998	Gulichsen <i>et al.</i>			
	AH6	5,798,923	08/1998	Laskowski			
V	AI6	5,937,102	08/1999	Jin			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ6						Yes No
	AK6						Yes No
	AL6						Yes No
	AM6						Yes No

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	AO	6	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
A-T	AA7	6,038,332	03/2000	Fishbine <i>et al.</i>			
	AB7	6,041,134	03/2000	Merjanian			
	AC7	6,046,867	04/2000	Rana			
	AD7	6,175,407 B1	01/2001	Sartor			
	AE7	6,198,429 B1	03/2001	Fujikawa <i>et al.</i>			
	AF7	6,243,488 B1	06/2001	Penna			
	AG7	6,341,028 B1	01/2002	Bahuguna <i>et al.</i>			
	AH7	6,394,356 B1	05/2002	Zagami			
✓	AI7	6,411,441 B1	06/2002	Videen			

FOREIGN PATENT DOCUMENTS

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	AJ7						Yes No
	AK7						Yes No
	AL7						Yes No
	AM7						Yes No

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A-T	AA8	6,415,064 B1	07/2002	Oh			
	AB8	6,459,451 B2	10/2002	Driscoll, Jr. <i>et al.</i>			
	AC8	6,466,686 B2	10/2002	Senior			
	AD8	6,496,608 B1	12/2002	Chui			
	AE8	6,616,065 B2	09/2003	Martin			
	AF8	2002/0049714 A1	04/2002	Yamazaki <i>et al.</i>			
	AG8	2002/0141620 A1	10/2002	Monden			
	AH8	2003/0012417 A1	01/2003	Hamid			
	AI8	2003/0099022 A1	05/2003	Karin <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ8						Yes No
	AK8						Yes No
	AL8						Yes No
	AM8						Yes No

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
A-T	AA9	2004/0109245 A1	06/2004	McClurg <i>et al.</i>			
	AB9	2004/0109589 A1	06/2004	McClurg <i>et al.</i>			
	AC9	2004/0109591 A1	06/2004	McClurg <i>et al.</i>			
	AD9	2004/0114785 A1	06/2004	McClurg <i>et al.</i>			
	AE9	2004/0114786 A1	06/2004	Cannon <i>et al.</i>			
	AF9						
	AG9						
	AH9						
	AI9						

FOREIGN PATENT DOCUMENTS

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	AJ9						Yes No
	AK9						Yes No
	AL9						Yes No
	AM9						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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